



**Models and Modeling Perspective
in Engineering Education**
*Learning from
First-Year Engineering Students and TAs*
Thursday May 3, 2012
1-3 pm, ARMS 1021

1:00 Introduction to the Models and Modeling Research Context
Heidi Diefes-Dux, Engineering Education

**1:10 Information Seeking Strategies Used by Students in Response to
a Context Setting Question**
Alejandro Teran, Industrial Engineering

**1:30 A Student Team's Response to Peer versus Instructor Feedback:
A Case Study**
Alena Moon, Chemistry Education

**1:50 Grading Reliability of Teaching Assistants New to Assessment of
Realistic Open-Ended Problems**
Farshid Marbouti, Engineering Education

**2:10 A Comparative Analysis of Feedback from Undergraduate and
Graduate Teaching Assistants on Open-Ended Problems**
Kelsey Rodgers, Engineering Education

**2:30 Characteristics of Feedback that Increase Student Confidence
during Mathematical Modeling**
Hyunyi Jung, Mathematics Education